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Copy No. 6 of 6

MEMORANDUM FOR: CIA ELINT Staff Officer

MAR 23 1976

SUBJECT : Further Modification of System #1 Transcribing and Processing Equipment

REFERENCES : (a) Paper dated 31 January 1956, subject: System #1 Transcribing and Processing Equipment, Modification of  
(b) Memorandum for CIA ESO, dated 23 March 1956, subject: Standard Tape Width and Speeds for CIA ELINT Program (attached hereto)

1. The  $\frac{1}{2}$ " 3-channel duping and analysis equipment of Reference (a) above has evolved into the system pictured below:

$2\frac{1}{2}$ " - 9"	15" - 60"
Tape Transport	Tape Transport
3 3/4" - 15"	15" - 60"
Tape Transport	Tape Transport
Amplifier and Mixers to Allow Monitoring and Patching Between Transports	Tape Transport with Closed Loop Tape for Inserting Time (Minutes)
Power Supply	Power Supply

This system meets the requirements of references and is less expensive with better availability than the  $\frac{1}{2}$ " system of Reference (a) above.

are planning on the system pictured above.

2. Five such sets have been requested and production is in progress. Sixty days is the estimated delivery time for the first two units. Four converted Ampex 350's are available for step-gate use. A formal proposal is expected in the next two weeks. Two more should be ordered for the program.

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3. The 1 $\frac{1}{4}$ -channel 1" equipment can be available in ninety days if desired without interfering with other production schedules. It is recommended that two of both the  $\frac{1}{2}$ " and 1" equipments be ordered at once for the  program.

4. The present estimate of the cost to R-W for Ampex tape transports is \$60,000 for 5 sets of 1" transports (15 transports) and \$40,000 for 5 sets of 3 $\frac{1}{4}$ " transports (25 transports).

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ES/JFS:jl (23 Mar 56)

Distribution:

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Orig & 1 - ESO  
1 - SA/PC   
1 - SPD, O/C  
1 - Reading File (Green)  
1 - Project Chrono (Yellow)

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